

FIG.1

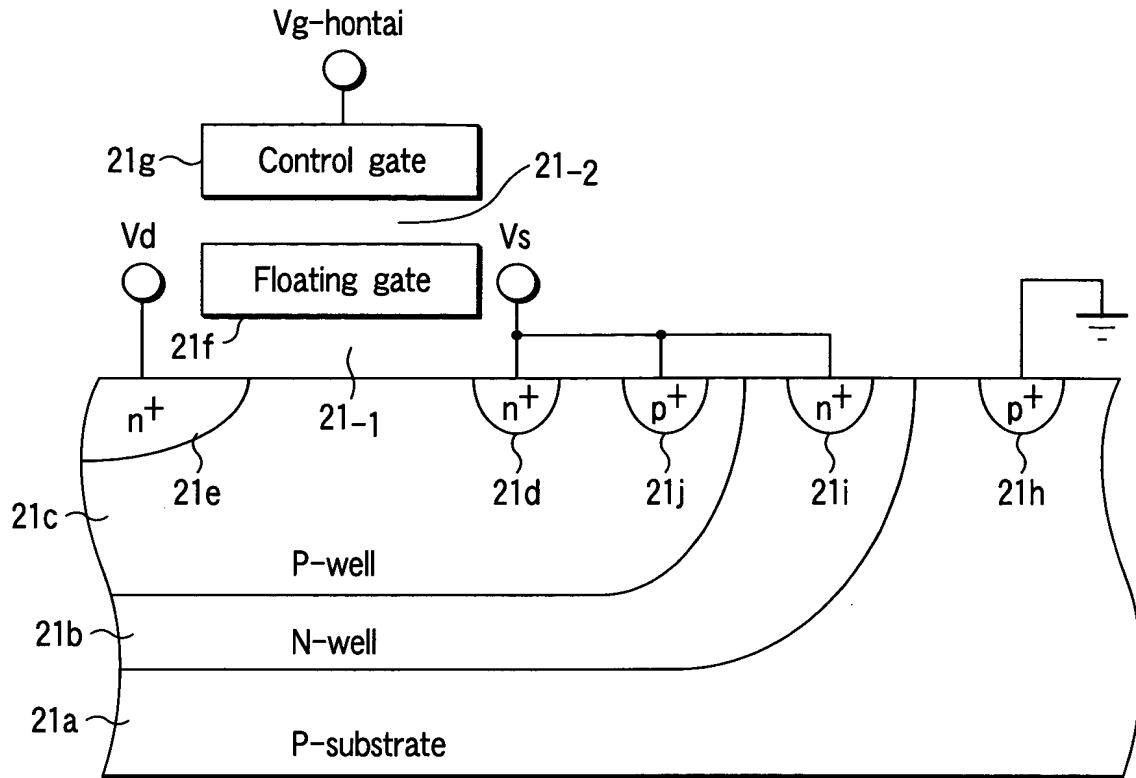


FIG. 2

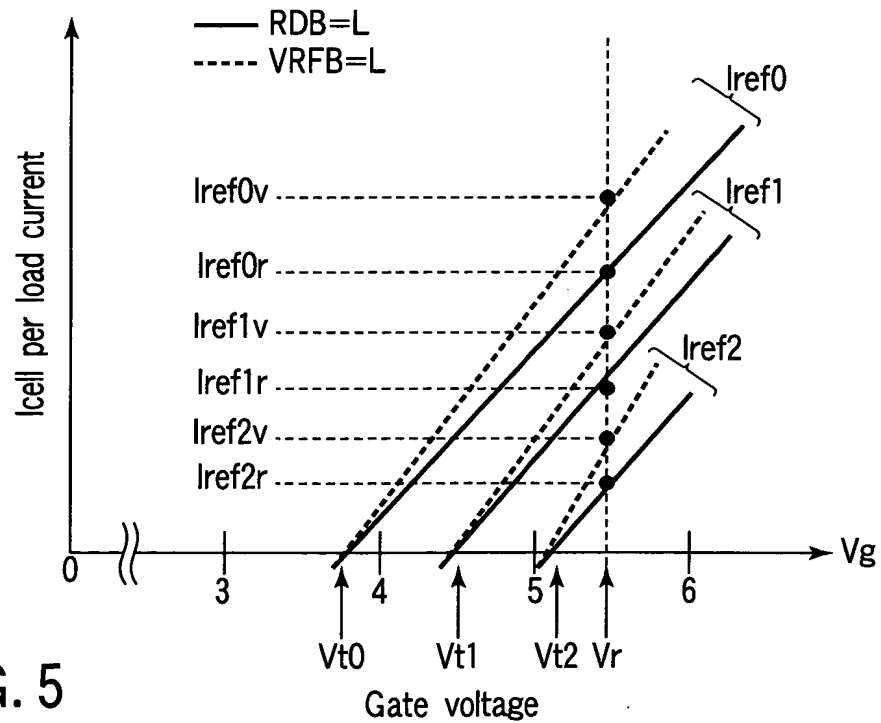


FIG. 5

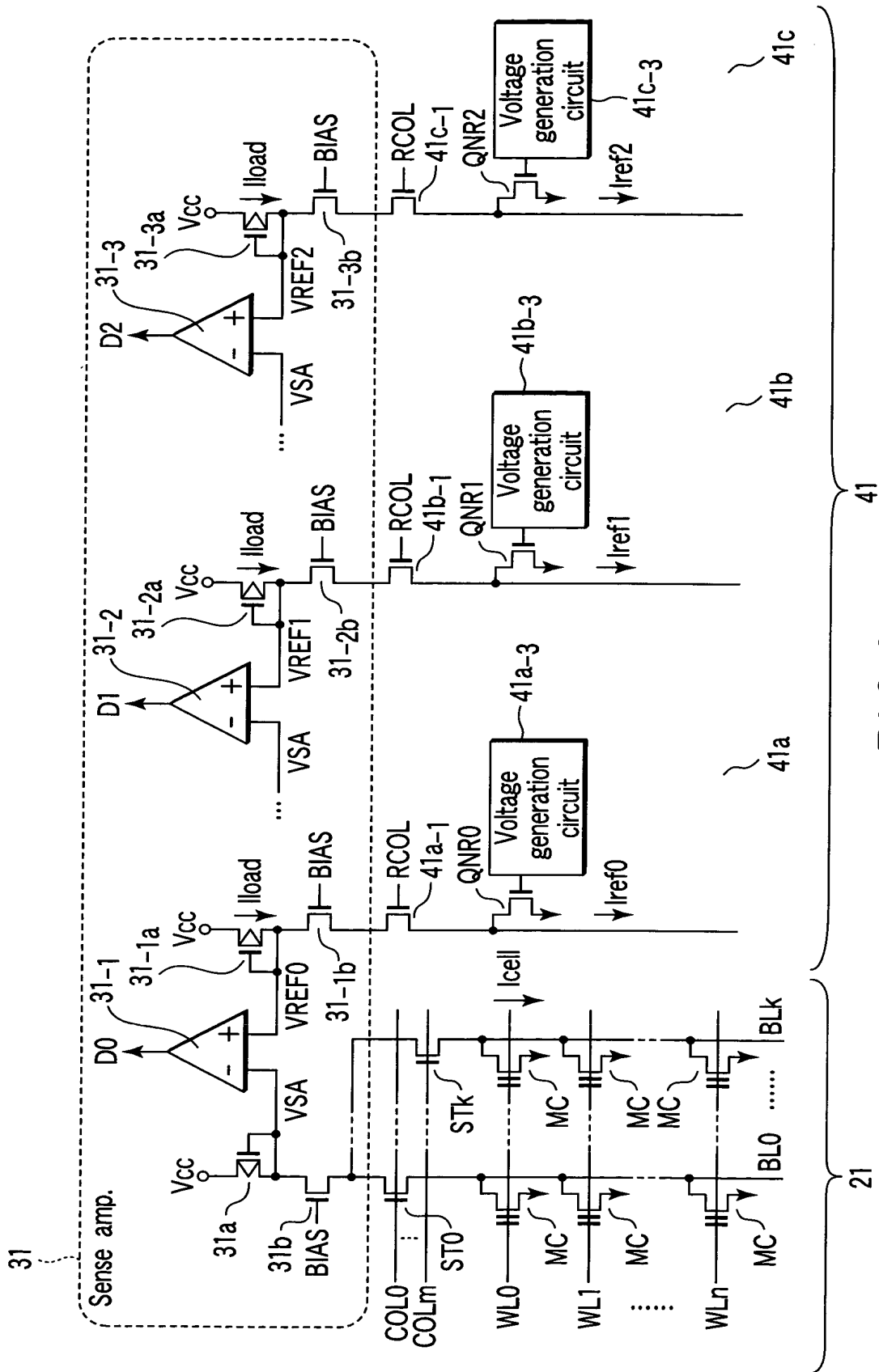
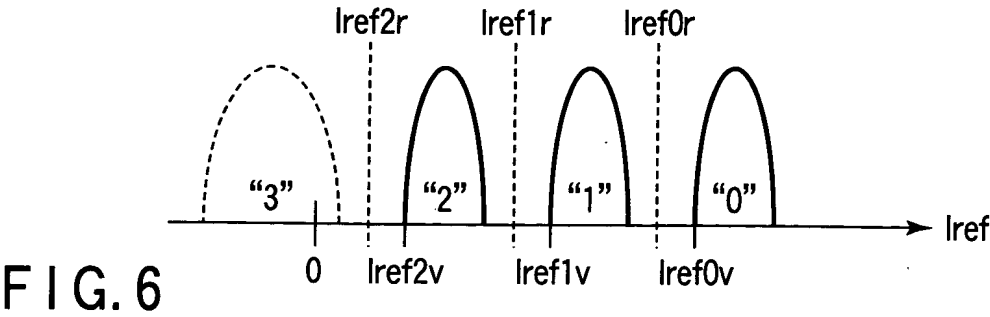


FIG. 3



	mode					
	Read	EV	OEV	PV1	PV2	PV3
Iref	0r, 1r, 2r	0v	2r (v)	1v	2v	2r (v)
Vg-hontai	Vr	Vr	Vsw1	Vr	Vr	Vsw2
Vg-ref	Vr	Vr	Vr	Vr	Vr	Vr

$V_r=5.5V/V_{sw1}=2V/V_{sw2}=6.5V$

FIG. 7

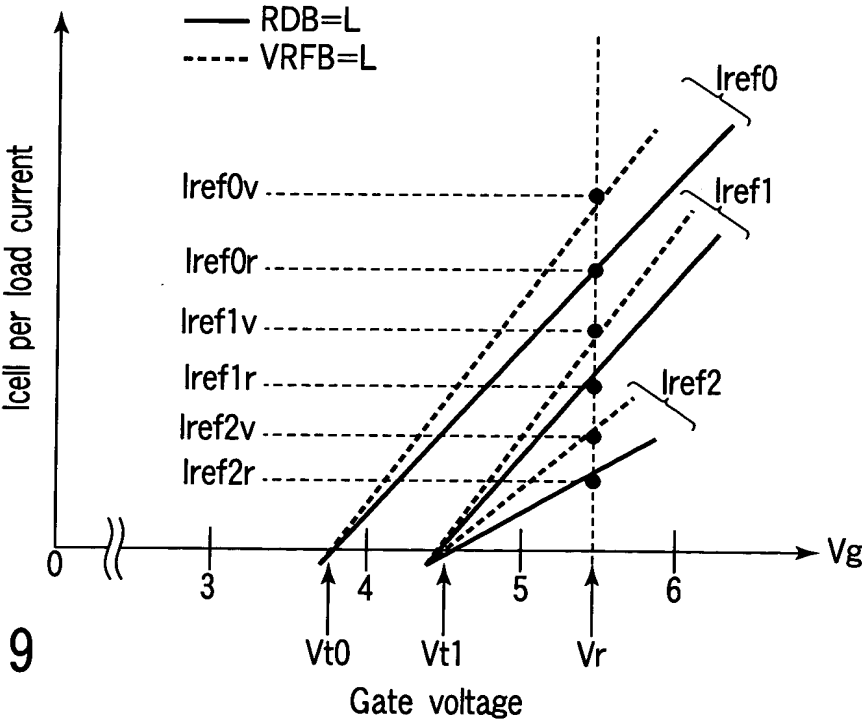


FIG. 8A

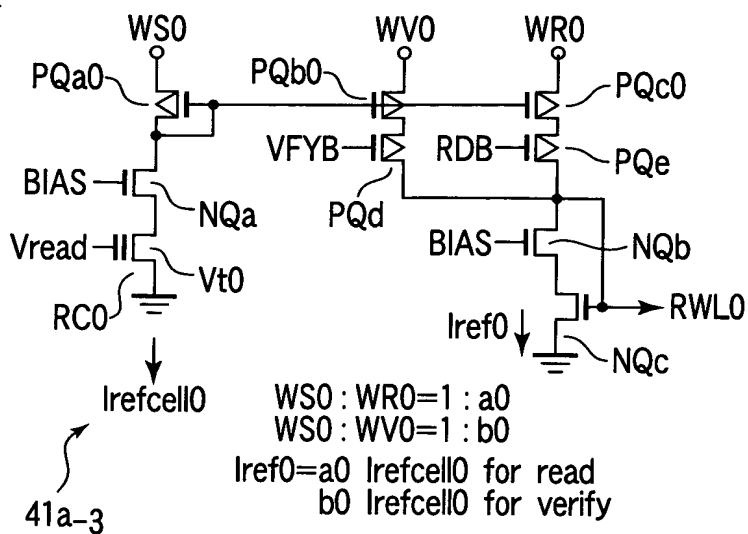


FIG. 8B

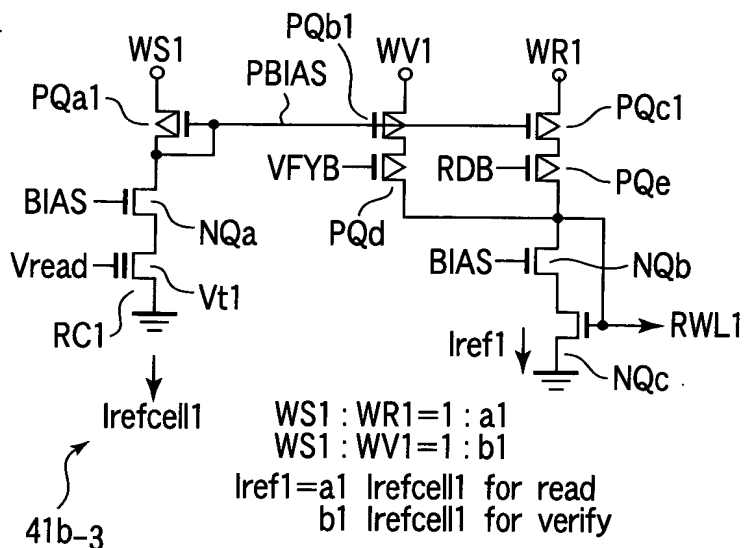
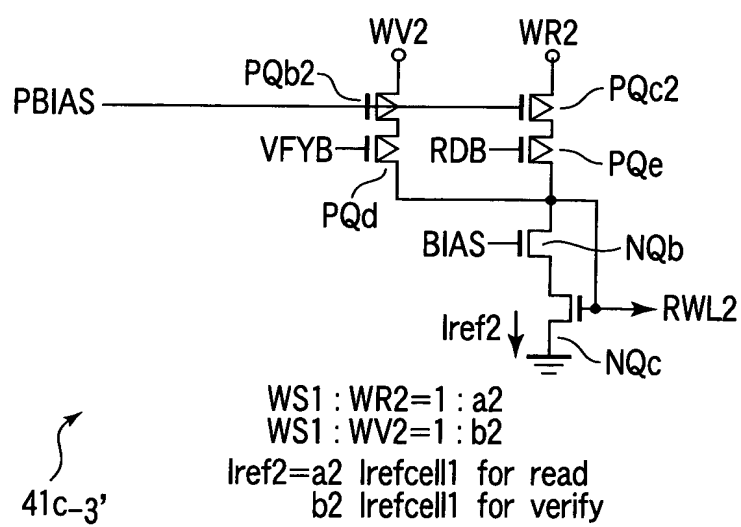


FIG. 8C



	mode					
	Read	EV	OEV	PV1	PV2	PV3
Iref	0r, 1r, 2r	0v	2r (v)	1v	2v	2r (v)
Vg-hontai	Vr	Vr	Vsw1	Vr	Vr	Vsw2
Vg-ref	Vr	Vr	Vr	Vr	Vr	Vr

$$V_r=5.5V/V_{sw1}=2V/V_{sw2}=6.5V$$

FIG. 10

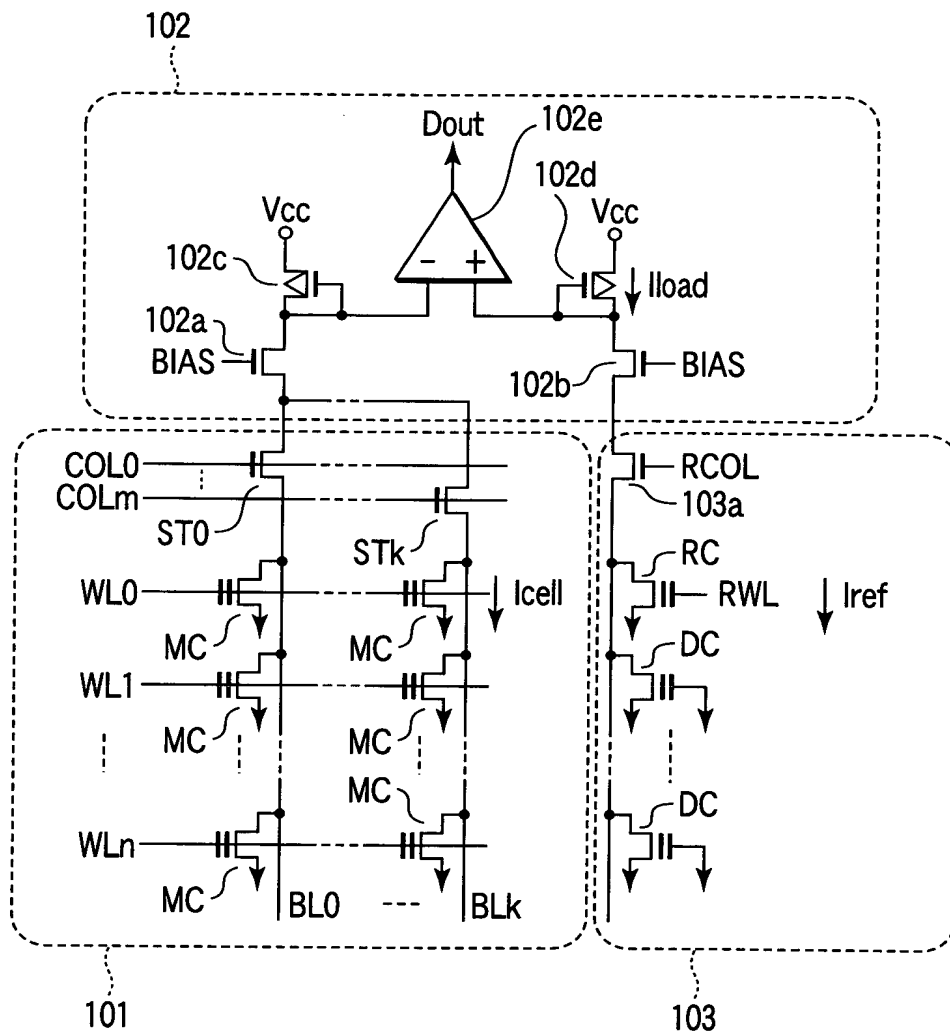


FIG. 16 PRIOR ART

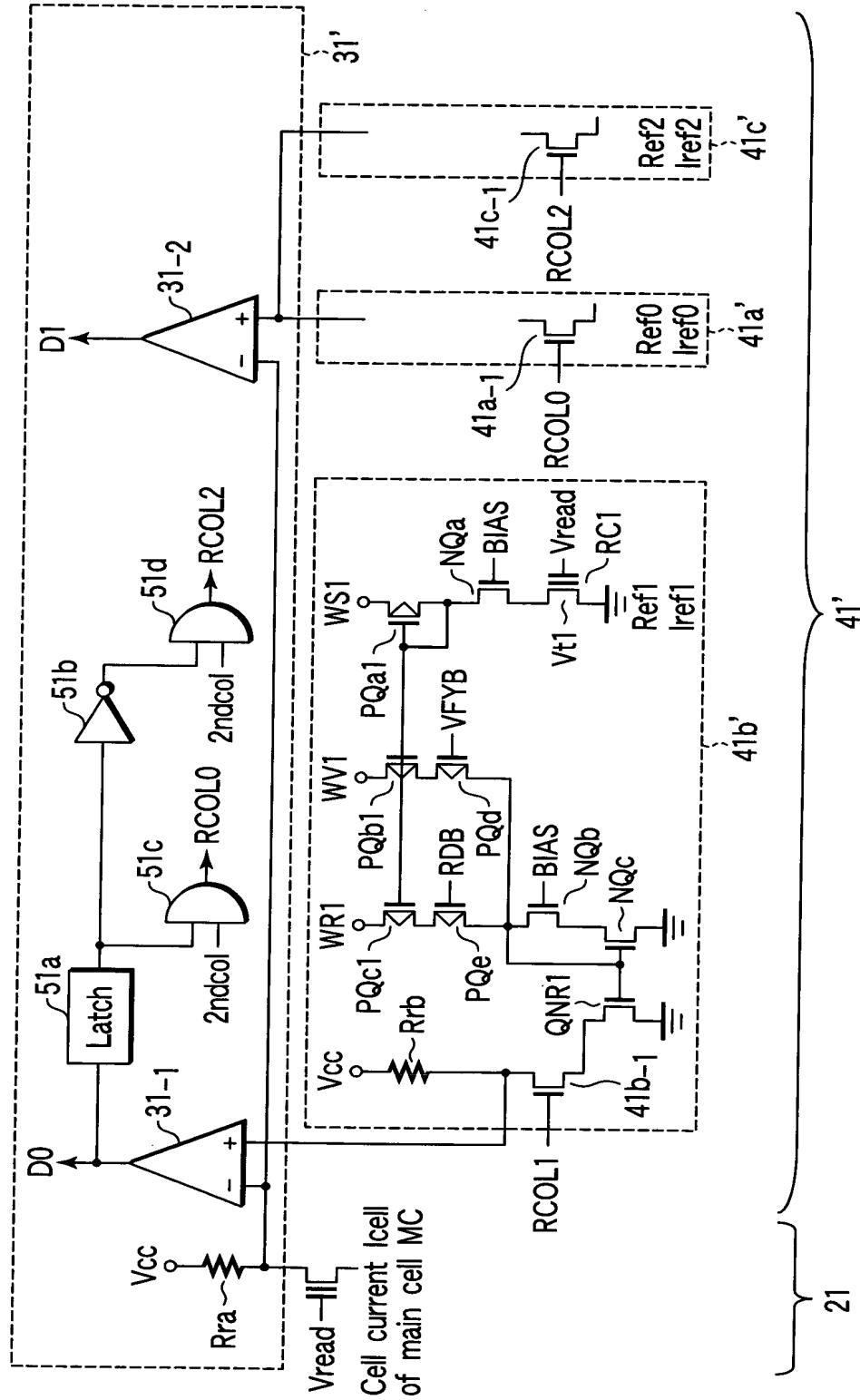
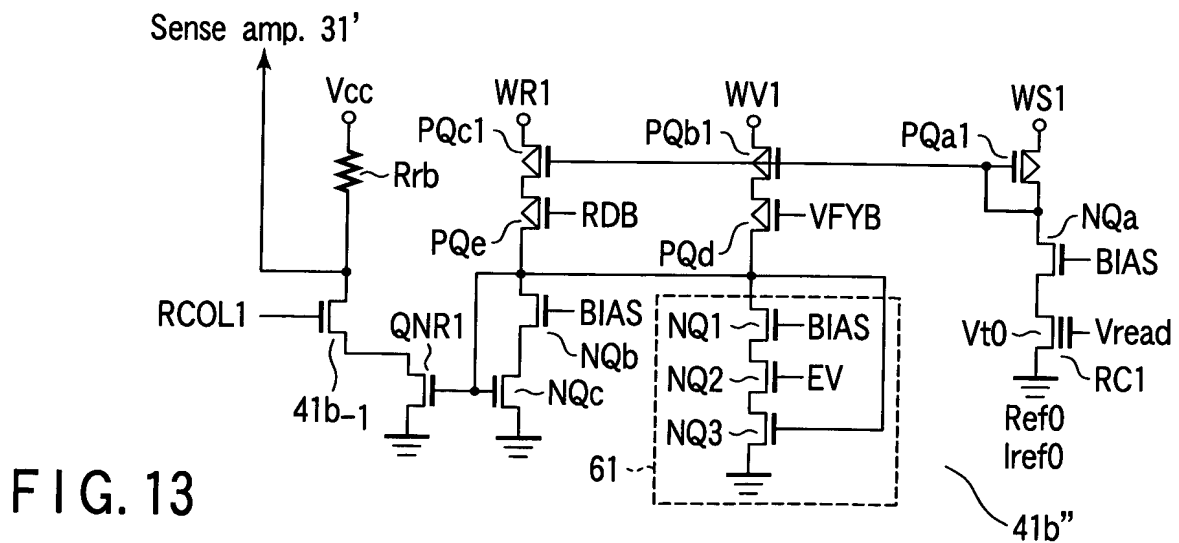
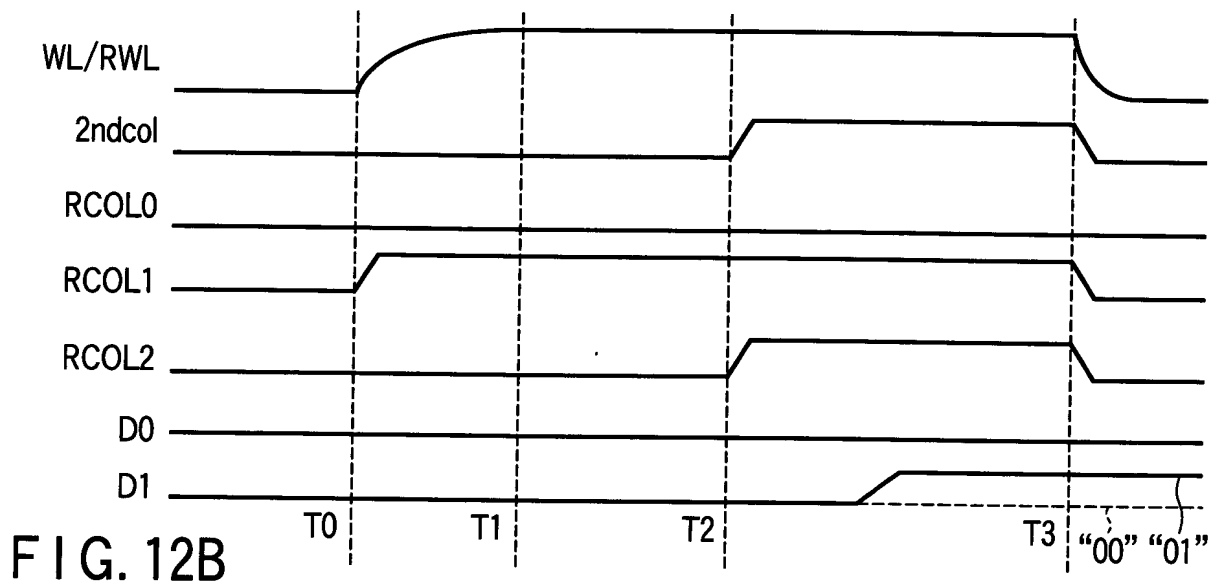
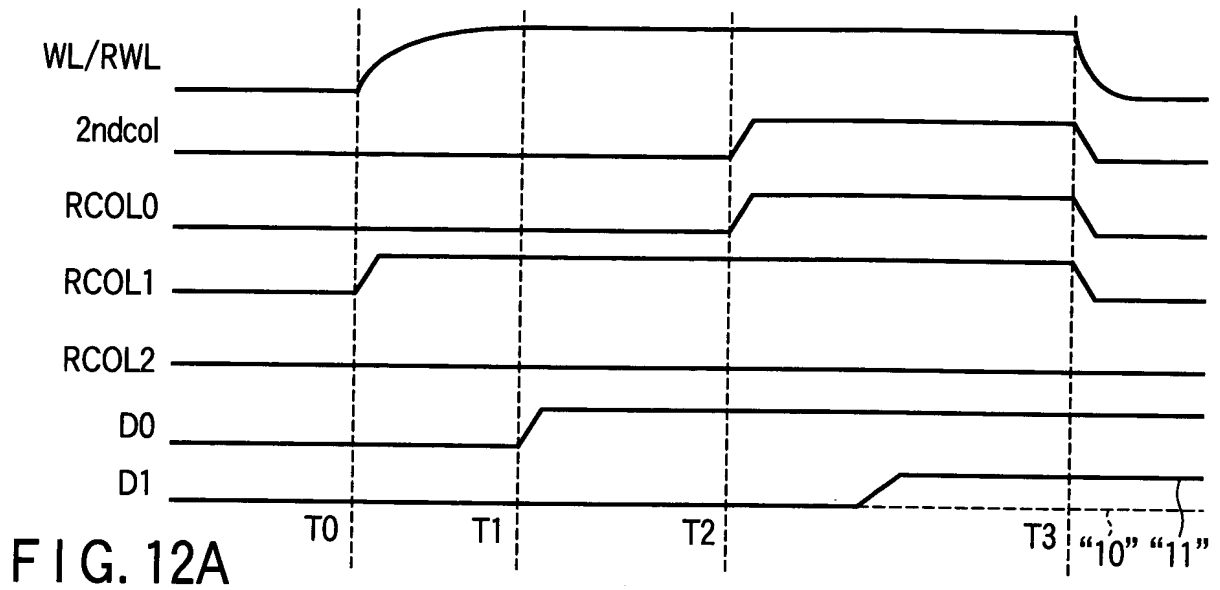


FIG.11



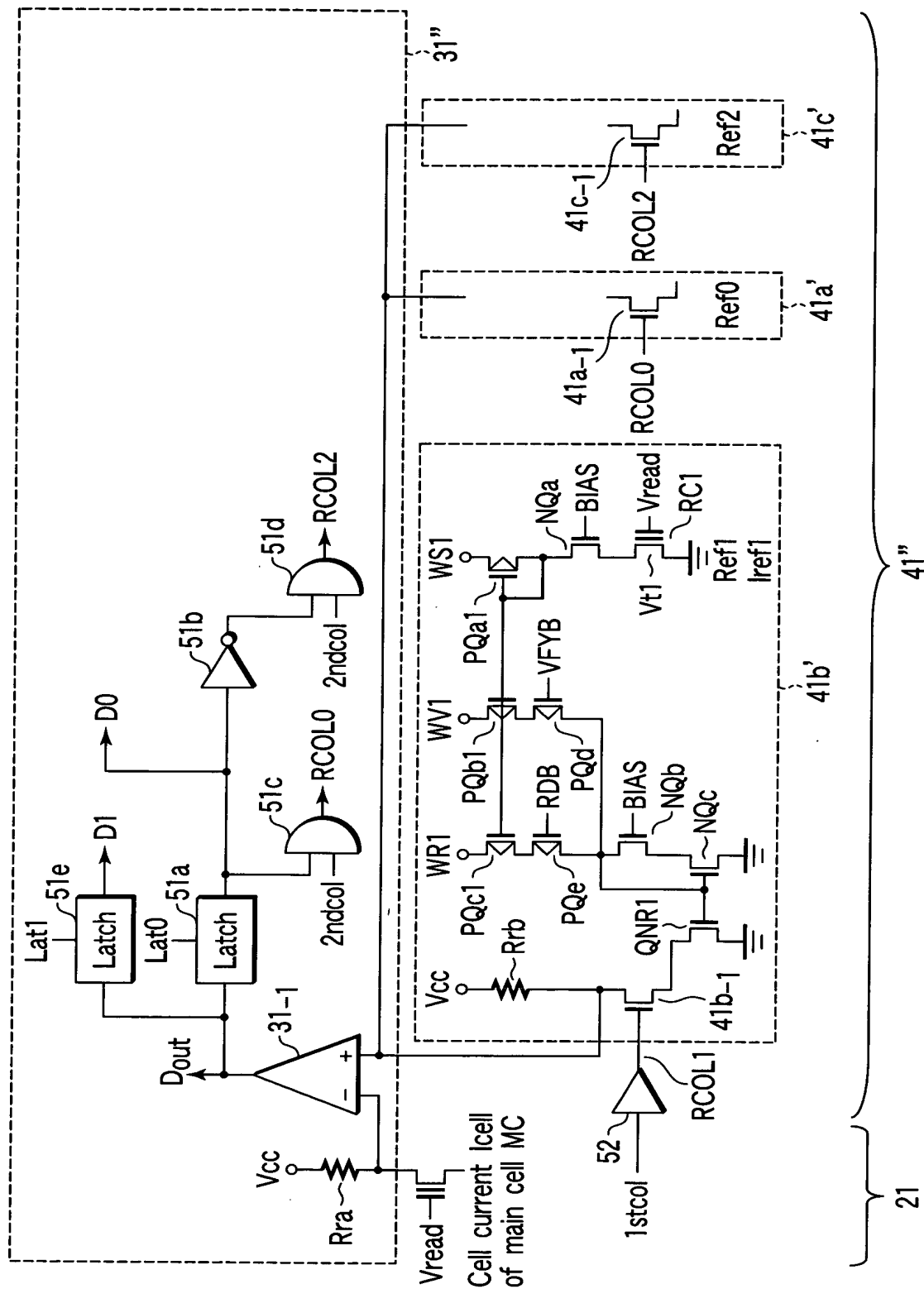


FIG. 14

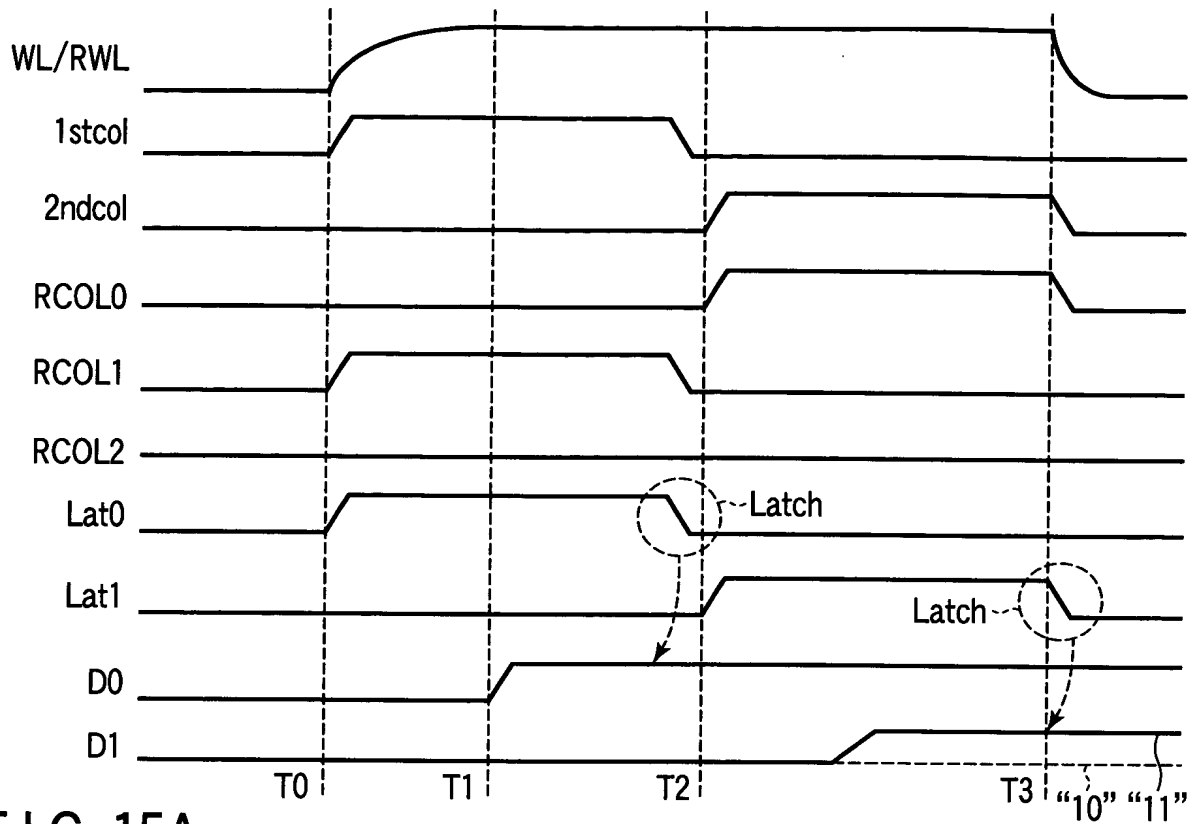


FIG. 15A

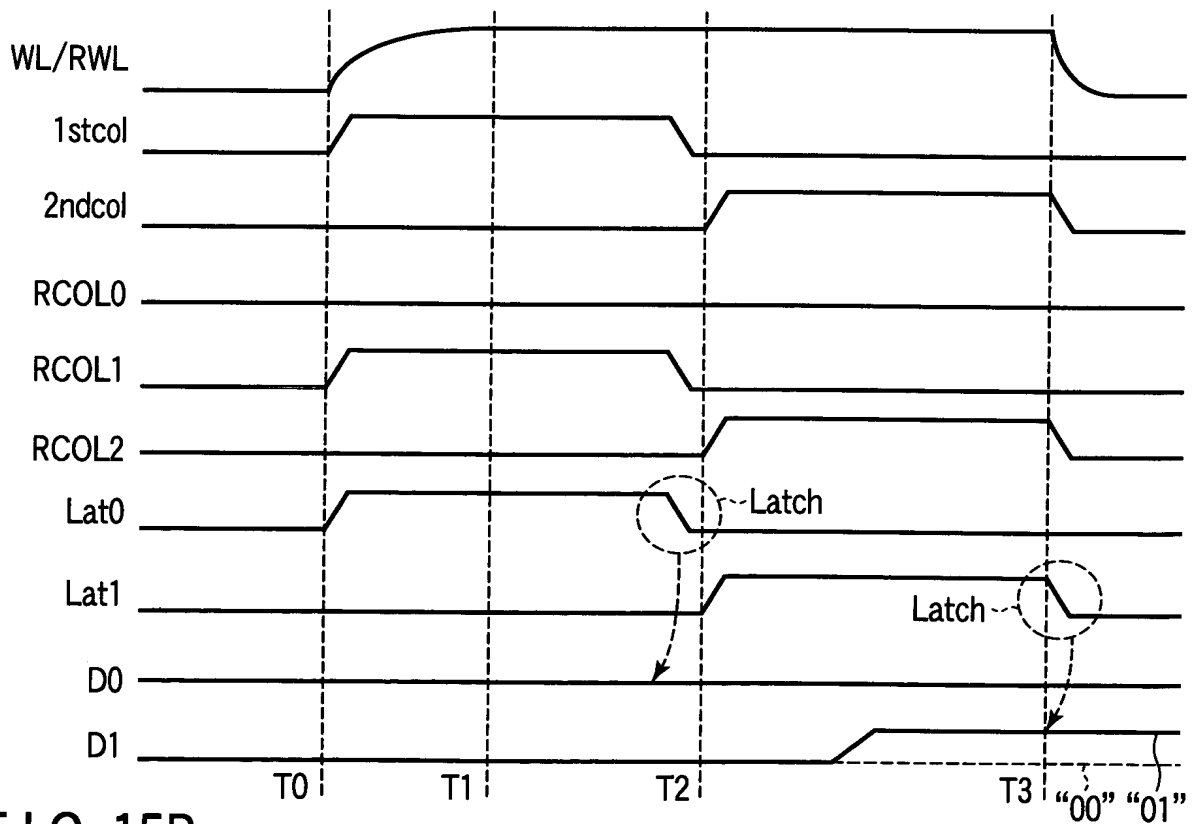


FIG. 15B

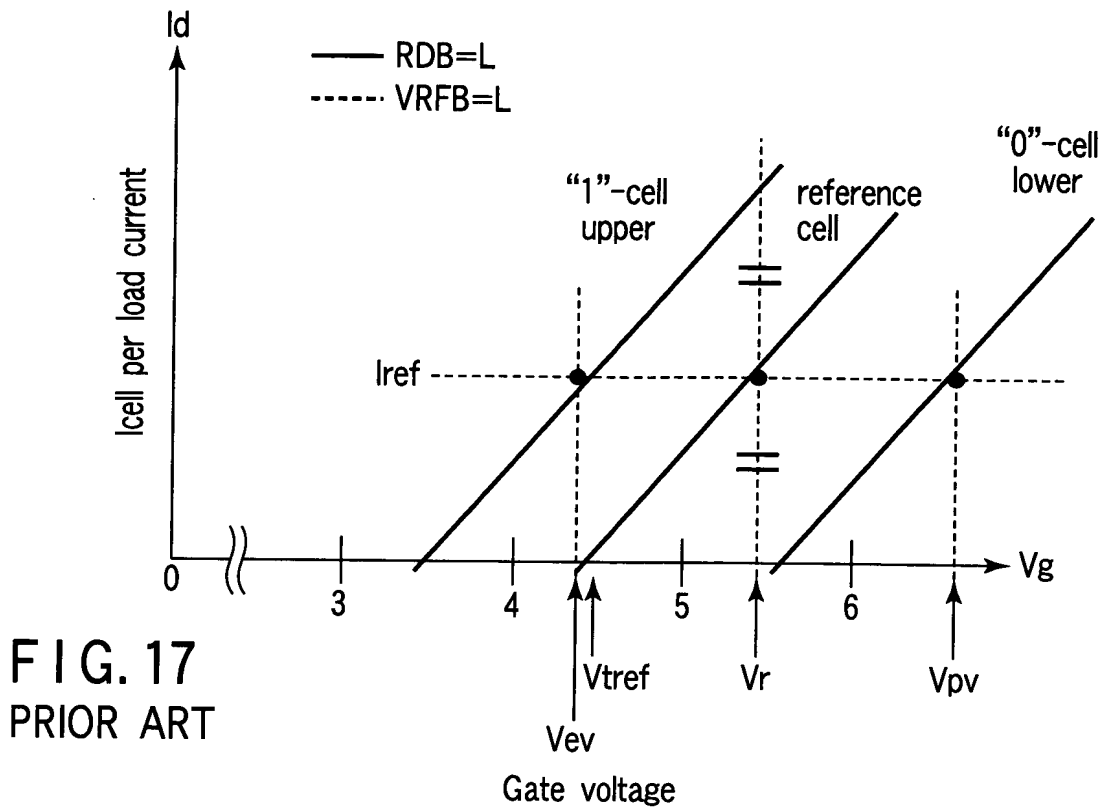


FIG. 18 PRIOR ART

	mode			
	Read	EV	OEV	PV
Vg-hontai	Vr	Vev	Voev	Vpv
Vg-ref	Vr	Vr	Vr	Vr

$V_r=5.5V/V_{oev}=2V/V_{ev}=4V/V_{pv}=6.5V$

